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03/28/00  
U.S. PTO

Express Mail Label No. EL521605PUS

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
11345/009001

Total Pages in this Submission

## TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**METHOD AND APPARATUS FOR ENCRYPTED DATA STREAM TRANSMISSION**

and invented by:

**Michael MAILLARD, Christian BENARDEAU, Jean-Luc DAUVOIS**

JC586 U.S. PTO  
09/537071  
03/28/00

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☒ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: PCT/IB98/01610

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: \_\_\_\_\_

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☐ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 24 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure



**22511**

PATENT TRADEMARK OFFICE

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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### Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☒ Formal                      Number of Sheets 5
- b. ☐ Informal                      Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed (original or copy)      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☒ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (identical to computer copy)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

### Accompanying Application Parts

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement/PTO-1449      ☒ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class      ☒ Express Mail (Specify Label No.): EL521605828US

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
11345/009001

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## Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Additional Enclosures (please identify below):

IPEA Report for PCT/IB98/01610 dated December 30, 1999 (6 pgs.)  
PCT Search Report for PCT/IB98/01610 dated April 12, 1998 (10 pgs.)  
PCT Written Opinion for PCT/IB98/01610 dated July 7, 1999 (8 pgs.)  
Response to PCT Written Opinion for PCT/IV98/01610 dated November 22, 1999 (3 pgs.)

## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	22	- 20 =	2	x \$18.00	\$36.00
Indep. Claims	2	- 3 =	0	x \$78.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$690.00
OTHER FEE (specify purpose) Assignment fee					\$40.00
TOTAL FILING FEE					\$766.00

- ☒ A check in the amount of \$766.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 500-591 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

*Jonathan P. Osha*  
Signature  
Jonathan P. Osha  
Reg. No. 33,986  
ROSENTHAL & OSHA L.L.P.  
700 Louisiana, Suite 4550  
Houston, Texas 77002

Dated:

cc:

Telephone: (713) 228-8600  
Facsimile: (713) 228-8778

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
-11345/009001

In Re Application Of: **Michel MAILLARD et al.**

Serial No.

Filing Date

Examiner

Group Art Unit

Title: **METHOD AND APPARATUS FOR ENCRYPTED DATA STREAM TRANSMISSION**

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

JC586 U.S. PTO  
09/537071  
03/28/00

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
  2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).



**22511**

PATENT TRADEMARK OFFICE

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
11345/009001

In Re Application Of: **Michel MAILLARD et al.**

Serial No.

Filing Date

Examiner

Group Art Unit

Title: **METHOD AND APPARATUS FOR ENCRYPTED DATA STREAM TRANSMISSION**

JC586 U.S. PTO  
09/537071  
03/28/00

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 500-591 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_) on \_\_\_\_\_

(Date)

*Signature*

*Typed or Printed Name of Person Signing Certificate*

**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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*Typed or Printed Name of Person Mailing Correspondence*

\*This certificate may only be used if paying by deposit account.

*Richard A. Fagin reg no 39,182 for* Dated: *3/28/00*  
Signature

Jonathan P. Osha  
Reg. No. 33,986  
ROSENTHAL & OSHA L.L.P.  
700 Louisiana, Suite 4550  
Houston, Texas 77002

Telephone: (713) 228-8600  
Facsimile: (713) 228-8778

CC:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Michel MAILLARD et al.

Docket No.

11345/009001

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: METHOD AND APPARATUS FOR ENCRYPTED DATA STREAM TRANSMISSION

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I hereby certify that this Assignment

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on March 29, 2000

(Date)

Toni Hill

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Michel MAILLARD et al.**

Docket No.

**11345/009001**

Serial No.

Filing Date

Examiner

Group Art Unit

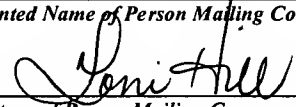
Invention: **METHOD AND APPARATUS FOR ENCRYPTED DATA STREAM TRANSMISSION**

Jc685 U.S. PTO

09/537071

I hereby certify that this **Preliminary Amendment***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on **March 29, 2000**

*(Date)***Toni Hill***(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)***EL521605828US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Michel MAILLARD et al.**

Docket No.

**11345/009001**

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: **METHOD AND APPARATUS FOR ENCRYPTED DATA STREAM TRANSMISSION**I hereby certify that this **Rule 371 Continuation Patent Application**

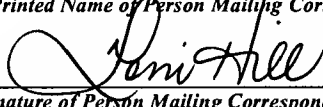
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(Date)

**Toni Hill**

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Docket No.

**11345/009001**

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: **METHOD AND APPARATUS FOR ENCRYPTED DATA STREAM TRANSMISSION**

JC586 U.S. PTO

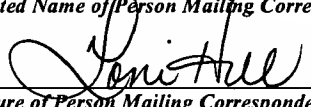
09/537071



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I hereby certify that this **Information Disclosure Statement***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on  
**March 29, 2000**

*(Date)***Toni Hill***(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)***EL521605828US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**